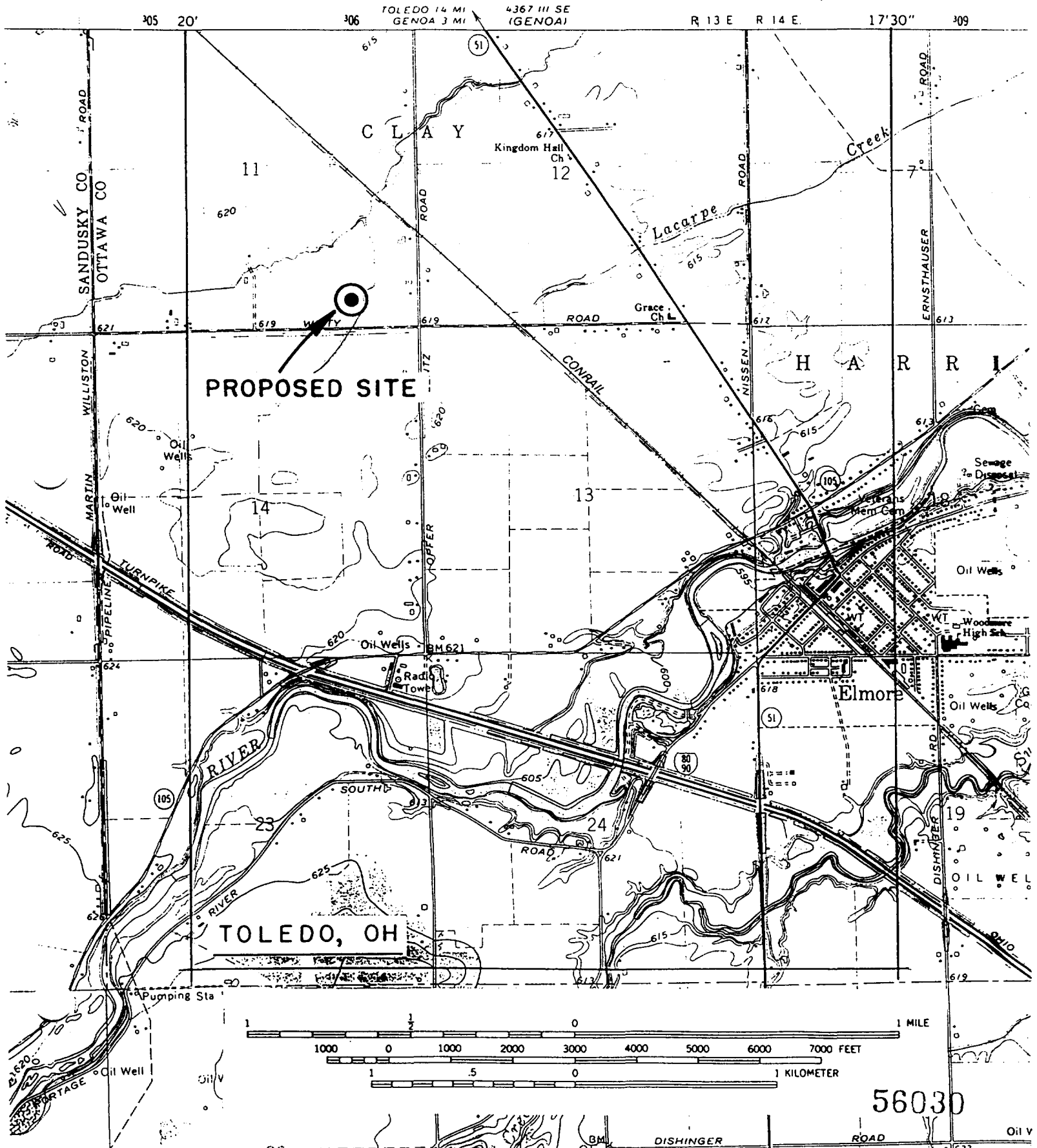
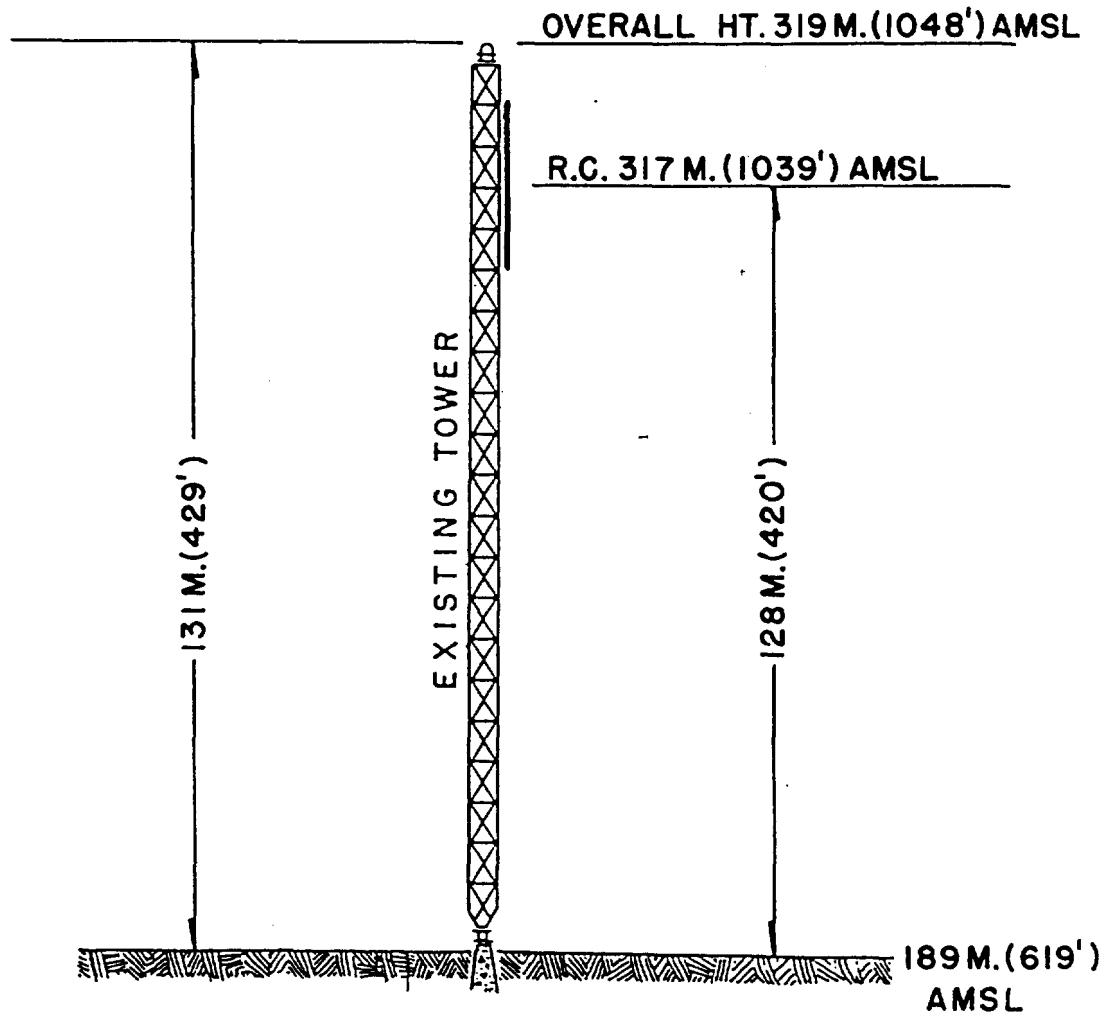


ELMORE QUADRANGLE  
OHIO  
7.5 MINUTE SERIES (TOPOGRAPHIC)



56030

NOT TO SCALE



*NOTE: Due to rounding, metric figures may not add correctly.*

SITE COORDINATES:

41° 29' 17"

83° 19' 25"

EXHIBIT C

TOLEDO, OH

56031

EXHIBIT D

## TERRAIN AND CONTOUR DATA

NATIONAL MINORITY TELEVISION, INC.  
 PROPOSED TELEVISION TRANSLATOR W57BK  
 CHANNEL 46 - TOLEDO, OHIO  
 [MODIFICATION OF BPTT-890310SC]

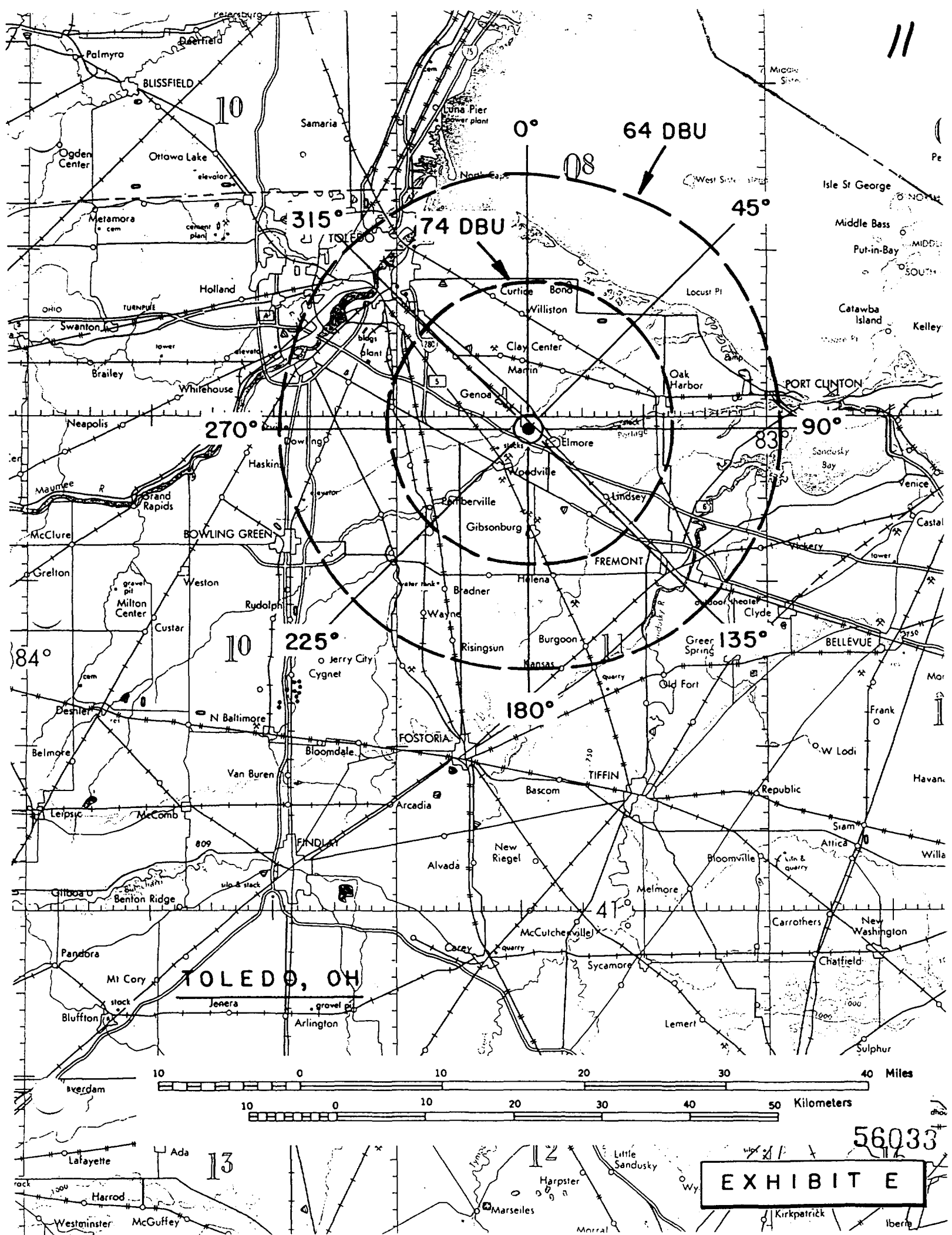
Azimuth (° T)	Avg. Elev. 2 to 10 Miles* (feet AMSL)	Effective Antenna Height (feet AAT)	ERP (dbk)	Mileage to Predicted Contour	
				74 dbμ	64 dbμ
0	593	446	9.0	10.1	17.7
45	580	459	9.0	10.3	17.9
90	593	446	9.0	10.1	17.7
135	600	439	9.0	10.0	17.6
180	642	397	9.0	9.4	16.9
225	636	403	9.0	9.5	17.0
270	619	420	9.0	9.7	17.3
315	600	439	9.0	10.0	17.6

\* Determined by computer (NGDC data base)

Antenna radiation center above mean sea level	1039 feet
Effective radiated power	7.9 kw
Antenna make and model	Scala SL-8
Orientation	Omnidirectional

Geographic Coordinates

North latitude: 41° 29' 17"  
 West longitude: 83° 19' 25"



56033  
EXHIBIT E

March 28, 1991

Detailed LPTV/TV Translator Interference Study

File: NMT/TOLEDO  
Channel: 46 - ERP: 8 kW  
Database: FCC 02/25/91

Latitude: 41-29-17  
Longitude: 83-19-25

Call	Auth	Licensee name	Chan	ERP	HAAT-ft	Latitude	BR-to	Dist.	Req.
City of License	St	FCC File No.	Zone	(kW)	HAMSL	Longitude	-from	(mi)	(mi)
W46BK	CP	MEDIA-COM TELEVISION,	46 +	33.1	287	41-22-45	96.8	60.17	
LORAIN	OH	BPTTL-890308NR	DA	984	82-10-27	277.6	-28	dB U/D	
DA: Bogner B24UA @ 120 deg									

W46BK 74 dBu				Proposed Facility				MAX		Clearance		
Bear.	Dist.	HAAT	ERP	Bear.	Dist.	HAAT	ERP	Field	ERP	Field	ERP	Dist.
(deg)	(mi)	(ft)	(dBk)	(deg)	(mi)	(ft)	(dBk)	(dBu)	(dBk)	(dB)	(dBk)	(mi)
277.6	5.4	290.6	2.1	96.8	54.7	456.0	9.0	38.8	16.2	7.2	15.3	16.2
287.6	5.8	326.7	2.2	95.8	54.5	456.0	9.0	38.9	16.1	7.1	15.2	16.0
297.6	6.2	369.4	2.4	94.6	54.4	456.0	9.0	38.9	16.1	7.1	15.1	15.9
307.6	6.3	387.1	2.3	93.5	54.8	456.0	9.0	38.8	16.2	7.2	15.3	16.3
317.6	6.3	393.7	2.1	92.6	55.5	456.0	9.0	38.6	16.5	7.4	15.6	17.0
327.6	6.4	393.7	2.3	91.8	56.3	456.0	9.0	38.3	16.7	7.7	15.9	17.8
337.6	7.5	390.4	5.3	90.3	56.8	456.0	9.0	38.1	16.9	7.9	16.1	18.3
347.6	8.7	387.1	8.1	88.7	57.8	457.1	9.0	37.8	17.2	8.2	16.5	19.3
357.6	10.1	378.7	10.6	87.1	59.3	459.3	9.0	37.4	17.7	8.6	17.0	20.7
7.6	11.4	370.7	12.6	86.0	61.3	459.3	9.0	36.7	18.3	9.3	17.7	22.7
7.6	12.2	364.2	13.8	85.8	63.5	459.3	9.0	36.1	19.0	9.9	18.5	24.9
187.6	9.3	194.9	15.1	105.7	60.9	452.8	9.0	36.8	18.2	9.2	17.7	22.4
197.6	9.0	185.1	15.1	105.5	59.3	452.8	9.0	37.3	17.7	8.7	17.1	20.8
207.6	8.7	177.2	14.8	105.0	57.8	452.8	9.0	37.8	17.2	8.2	16.5	19.3
217.6	8.4	177.2	14.2	104.2	56.4	452.8	9.0	38.2	16.8	7.8	16.0	18.0
227.6	7.9	173.9	13.3	103.1	55.4	455.8	9.0	38.6	16.4	7.4	15.6	16.9
237.6	7.5	188.9	11.7	101.9	54.6	456.0	9.0	38.9	16.2	7.1	15.2	16.1
247.6	6.8	198.8	9.3	100.4	54.4	456.0	9.0	38.9	16.1	7.1	15.2	15.9
257.6	6.3	234.8	6.8	99.1	54.2	456.0	9.0	39.0	16.0	7.0	15.1	15.7
267.6	5.4	251.3	3.5	97.8	54.8	456.0	9.0	38.8	16.2	7.2	15.3	16.3

Call	Auth	Licensee name	Chan	ERP	HAAT-ft	Latitude	BR-to	Dist.	Req.
City of License	St	FCC File No.	Zone	(kW)	HAMSL	Longitude	-from	(mi)	(mi)
ALLOD			46 +			42-58-12	23.8	112.2	
PORT HURON	MI		I			82-25-36	204.4		
Insufficient data to predict contour									

Call	Auth	Licensee name	Chan	ERP	HAAT-ft	Latitude	BR-to	Dist.	Req.
City of License	St	FCC File No.	Zone	(kW)	HAMSL	Longitude	-from	(mi)	(mi)
W46AH	CP	REGENTS OF THE UNIV.	46 +	36.3	128	43-01-28	22.5	115.1	
PORT HURON	MI	BPTTL-830228PH	DA	741	82-27-00	203.1	-28	dB U/D	
DA: Bogner B8UC @ 194 deg									

W46AH 74 dBu				Proposed Facility				MAX		Clearance		
Bear.	Dist.	HAAT	ERP	Bear.	Dist.	HAAT	ERP	Field	ERP	Field	ERP	Dist.
(deg)	(mi)	(ft)	(dBk)	(deg)	(mi)	(ft)	(dBk)	(dBu)	(dBk)	(dB)	(dBk)	(mi)
3.1	7.4	124.3	15.4	22.5	107.7	462.6	9.0	22.8	32.2	23.2	32.2	69.1
213.1	6.9	111.5	14.9	21.9	108.3	462.6	9.0	22.6	32.4	23.4	32.4	69.7
223.1	6.6	111.5	14.1	21.3	108.9	462.6	9.0	22.5	32.6	23.5	32.5	70.3
233.1	5.8	104.6	12.4	21.0	110.1	462.6	9.0	22.1	32.9	23.9	32.9	71.5
243.1	5.0	98.0	10.2	20.9	111.3	462.6	9.0	21.8	33.3	24.2	33.2	72.7
253.1	4.3	88.2	7.4	20.8	112.4	462.6	9.0	21.5	33.6	24.5	33.6	73.8

Detailed LPTV/TV Translator Interference Study

Title: NMT/TOLEDO Latitude: 41-29-17  
Channel: 46 - ERP: 8 kW Longitude: 83-19-25

Call	Auth	Licensee name	Chan	ERP	HAAT-ft	Latitude	BR-to	Dist.	Req.
City of License	St	FCC File No.	Zone	(kW)	HAMSL	Longitude	-from	(mi)	(mi)
W46AH	CP	REGENTS OF THE UNIV.	46 +	36.3	128	43-01-28	22.5	115.1	
PORT HURON	MI	BPTTL-830228PH	DA		741	82-27-00	203.1	-28 dB U/D	
DA: Bogner BBUC @ 194 deg									

W46AH 74 dBu				Proposed Facility				MAX		Clearance		
Bear.	Dist.	HAAT	ERP	Bear.	Dist.	HAAT	ERP	Field	ERP	Field	ERP	Dist.
(deg)	(mi)	(ft)	(dBk)	(deg)	(mi)	(ft)	(dBk)	(dBu)	(dBk)	(dB)	(dBk)	(mi)
153.1	6.4	134.5	12.0	25.1	111.1	465.9	9.0	21.9	33.2	24.1	33.2	72.4
163.1	7.0	131.2	13.9	24.9	109.8	465.9	9.0	22.2	32.8	23.8	32.8	71.2
173.1	7.5	134.5	14.8	24.5	108.7	465.9	9.0	22.6	32.5	23.4	32.4	70.0
183.1	8.0	144.7	15.3	24.0	107.6	465.8	9.0	22.9	32.2	23.1	32.1	69.0
193.1	7.8	134.1	15.6	23.3	107.4	463.4	9.0	22.9	32.1	23.1	32.1	68.8

Call	Auth	Licensee name	Chan	ERP	HAAT-ft	Latitude	BR-to	Dist.	Req.
City of License	St	FCC File No.	Zone	(kW)	HAMSL	Longitude	-from	(mi)	(mi)
WHME-TV LIC	L.	SUMRALL EVANGELIST	46 o	1120	1000	41-35-43	273.8	147.3	
SOUTH BEND	IN	BLCT-2590	I		1804	86-09-38	91.9	-28 dB U/D	

WHME-TV 64 dBu				Proposed Facility				MAX		Clearance		
Bear.	Dist.	HAAT	ERP	Bear.	Dist.	HAAT	ERP	Field	ERP	Field	ERP	Dist.
(deg)	(mi)	(ft)	(dBk)	(deg)	(mi)	(ft)	(dBk)	(dBu)	(dBk)	(dB)	(dBk)	(mi)
91.9	43.9	1003.9	30.5	273.8	103.3	432.5	9.0	23.9	21.1	12.1	20.8	40.3
101.9	43.8	997.5	30.5	269.6	104.3	429.8	9.0	23.6	21.4	12.4	21.2	41.4
111.9	43.6	987.5	30.5	265.8	107.2	429.8	9.0	22.8	22.3	13.2	22.1	44.3
121.9	43.5	981.0	30.5	262.6	111.6	426.5	9.0	21.4	23.6	14.6	23.4	48.8
131.9	43.5	977.7	30.5	260.0	117.3	426.5	9.0	19.9	25.2	16.1	25.1	54.5
141.9	43.4	971.1	30.5	258.2	123.9	426.5	9.0	18.1	27.0	17.9	26.9	61.1
151.9	43.4	971.0	30.5	257.1	131.0	426.5	9.0	16.1	28.9	19.9	28.9	68.2
161.9	43.5	977.7	30.5	256.6	138.5	426.5	9.0	14.0	31.0	22.0	31.0	75.7
21.9	44.6	1046.6	30.5	291.5	138.5	446.2	9.0	14.2	30.8	21.8	30.8	75.1
31.9	44.7	1053.1	30.5	291.1	130.7	446.2	9.0	16.4	28.7	19.6	28.6	67.4
41.9	44.7	1056.4	30.5	290.0	123.3	442.9	9.0	18.3	26.7	17.7	26.6	60.1
51.9	44.6	1046.8	30.5	288.1	116.6	442.9	9.0	20.2	24.9	15.8	24.8	53.4
61.9	44.4	1036.7	30.5	285.4	110.9	441.0	9.0	21.7	23.3	14.3	23.1	47.8
71.9	44.1	1016.9	30.5	282.0	106.8	436.3	9.0	22.9	22.1	13.1	21.9	43.7
81.9	44.1	1013.9	30.5	278.1	104.1	433.1	9.0	23.7	21.3	12.3	21.1	41.1

Detailed LPTV/TV Translator Interference Study

Call: NMT/TOLEDO  
Channel: 46 - ERP: 8 kW

Latitude: 41-29-17  
Longitude: 83-19-25

Call	Auth	Licensee name	Chan	ERP	HAAT-ft	Latitude	BR-to	Dist.	Req.
City of License	St	FCC File No.	Zone	(kW)	HAMSL	Longitude	-from	(mi)	(mi)
W46BA	LIC	WESTERN NY PUBLIC BRO	46 N	6.42	662	42-05-06	77.4	212.4	
JAMESTOWN		NY BLTT-681128IC			2135	79-17-23	260.1	-45 dB U/D	

W46BA 74 dBu				Proposed Facility				MAX		Clearance		
Bear.	Dist.	HAAT	ERP	Bear.	Dist.	HAAT	ERP	Field	ERP	Field	ERP	Dist.
(deg)	(mi)	(ft)	(dBk)	(deg)	(mi)	(ft)	(dBk)	(dBu)	(dBk)	(dB)	(dBk)	(mi)
220.1	9.9	486.0	8.1	79.2	204.9	456.0	9.0	-1.4	39.4	30.4	39.4	118.5
230.1	10.5	538.5	8.1	78.9	203.3	456.0	9.0	-1.1	39.1	30.1	39.1	116.9
240.1	11.2	597.5	8.1	78.5	201.9	456.0	9.0	-.8	38.8	29.8	38.8	115.5
250.1	11.3	611.0	8.1	78.0	201.2	456.0	9.0	-.6	38.7	29.6	38.7	114.8

Call	Auth	Licensee name	Chan	ERP	HAAT-ft	Latitude	BR-to	Dist.	Req.
City of License	St	FCC File No.	Zone	(kW)	HAMSL	Longitude	-from	(mi)	(mi)
ALLOD			*46	0		42-05-45	77.3	214.8	
JAMESTOWN	NY		I			79-14-40	260.1		
See NORTH POLE, NY.; Insufficient data to predict contour									

Call	Auth	Licensee name	Chan	ERP	HAAT-ft	Latitude	BR-to	Dist.	Req.
City of License	St	FCC File No.	Zone	(kW)	HAMSL	Longitude	-from	(mi)	(mi)
WLYJ	LIC	CHRISTIAN COMMUNICATI	46 -	155	800	39-18-02	133.0	217.9	
CHARLESTON	WV	BLCT-810824KE	I		1975	80-20-37	314.9	-45 dB U/D	
Horizontal polarization									

WLYJ 64 dBu				Proposed Facility				MAX		Clearance		
Bear.	Dist.	HAAT	ERP	Bear.	Dist.	HAAT	ERP	Field	ERP	Field	ERP	Dist.
(deg)	(mi)	(ft)	(dBk)	(deg)	(mi)	(ft)	(dBk)	(dBu)	(dBk)	(dB)	(dBk)	(mi)
314.9	33.4	819.3	21.9	133.0	184.5	449.5	9.0	2.9	25.1	16.1	25.0	63.6
324.9	32.9	774.9	21.9	131.2	185.6	449.5	9.0	2.7	25.4	16.3	25.3	64.7
334.9	32.9	774.6	21.9	129.5	187.4	449.5	9.0	2.3	25.7	16.7	25.7	66.4
344.9	33.2	803.8	21.9	127.9	189.9	449.5	9.0	1.7	26.3	17.3	26.2	69.0
354.9	33.7	845.8	21.9	126.5	193.4	449.5	9.0	1.0	27.0	18.0	27.0	72.5
4.9	33.8	850.1	21.9	125.5	198.0	449.5	9.0	.0	28.0	19.0	28.0	77.1
14.9	34.7	934.7	21.9	124.4	202.9	449.5	9.0	-1.0	29.1	20.0	29.0	82.0
24.9	34.5	916.6	21.9	124.0	208.8	449.5	9.0	-2.3	30.3	21.3	30.3	87.8
224.9	33.4	817.2	21.9	141.7	220.3	439.6	9.0	-4.8	32.8	23.8	32.8	99.6
234.9	32.9	777.9	21.9	141.7	214.5	439.6	9.0	-3.6	31.6	22.6	31.6	93.8
244.9	32.7	757.9	21.9	141.4	208.9	439.6	9.0	-2.4	30.4	21.4	30.4	88.2
254.9	32.7	757.6	21.9	141.0	203.4	439.7	9.0	-1.2	29.3	20.2	29.2	82.7
264.9	32.9	771.3	21.9	140.3	198.3	442.0	9.0	-.1	28.1	19.1	28.1	77.5
274.9	32.8	767.1	21.9	139.2	193.9	442.9	9.0	.8	27.2	18.2	27.1	73.1
284.9	32.8	764.1	21.9	137.9	190.2	443.2	9.0	1.6	26.4	17.4	26.3	69.4
294.9	33.3	808.1	21.9	136.5	186.9	446.2	9.0	2.4	25.7	16.6	25.6	66.1
304.9	32.9	778.8	21.9	134.7	185.5	449.5	9.0	2.7	25.4	16.3	25.3	64.6

Detailed LPTV/TV Translator Interference Study

File: NMT/TOLEDO  
Channel: 46 -- ERP: 8 kW

Latitude: 41-29-17  
Longitude: 83-19-25

Call	Auth	Licensee name	Chan	ERP	HAAT-ft	Latitude	BR-to	Dist.	Req.
City of License	St	FCC File No.	Zone	(kW)	HAMSL	Longitude	-from	(mi)	(mi)
W45AG	LIC	TRAN-STAR, INC.	45 +	5.8	373	41-05-58	254.8	98.53	
FORT WAYNE	IN	BLTTL-90072710	DA		1171	85-08-43	73.5	15 dB U/D	
DA: Bogner ODD890310XH @ 0 deg									

W45AG 74 dBu				Proposed Facility				MAX		Clearance		
Bear.	Dist.	HAAT	ERP	Bear.	Dist.	HAAT	ERP	Field	ERP	Field	ERP	Dist.
(deg)	(mi)	(ft)	(dBk)	(deg)	(mi)	(ft)	(dBk)	(dBu)	(dBk)	(dB)	(dBk)	(mi)
103.5	6.7	413.4	2.9	252.7	92.8	426.5	9.0	13.1	84.9	75.9	84.9	88.6
113.5	6.6	413.4	2.5	252.2	93.6	426.5	9.0	12.8	85.2	76.2	85.2	89.4
123.5	6.4	398.5	2.3	251.8	94.5	425.8	9.0	12.6	85.5	76.4	85.5	90.4
133.5	6.2	375.5	2.3	251.5	95.6	425.0	9.0	12.3	85.8	76.7	85.8	91.4
143.5	6.1	369.3	2.3	251.3	96.6	424.3	9.0	12.0	86.1	77.0	86.1	92.5
153.5	6.1	367.5	2.3	251.2	97.6	423.9	9.0	11.7	86.4	77.3	86.4	93.5
163.5	6.3	388.9	2.3	251.1	98.7	423.5	9.0	11.4	86.6	77.6	86.6	94.6
353.5	7.9	336.4	7.6	259.3	97.5	426.5	9.0	11.7	86.3	77.3	86.3	93.3
3.5	7.9	341.2	7.6	259.2	96.1	426.5	9.0	12.1	85.9	76.9	85.9	92.0
13.5	8.0	346.3	7.5	258.9	94.8	426.5	9.0	12.5	85.5	76.5	85.5	90.7
23.5	8.1	366.0	7.4	258.6	93.5	426.5	9.0	12.9	85.2	76.1	85.2	89.4
33.5	8.1	375.8	7.1	258.0	92.5	426.5	9.0	13.2	84.9	75.8	84.9	88.3
43.5	7.9	380.6	6.6	257.2	91.8	426.5	9.0	13.4	84.6	75.6	84.6	87.6
53.5	7.6	368.9	6.1	256.4	91.4	426.5	9.0	13.5	84.5	75.5	84.5	87.3
63.5	7.3	370.7	5.4	255.6	91.3	426.5	9.0	13.5	84.5	75.5	84.5	87.2

Call	Auth	Licensee name	Chan	ERP	HAAT-ft	Latitude	BR-to	Dist.	Req.
City of License	St	FCC File No.	Zone	(kW)	HAMSL	Longitude	-from	(mi)	(mi)
CJCO-TV LIC			32 +	217	702	42-09-09	22.5	49.72	
WINDSOR	ON		I			82-57-05	202.8	23 dB U/D	
Horizontal polarization									

CJCO-TV 64 dBu				Proposed Facility				MAX		Clearance		
Bear.	Dist.	HAAT	ERP	Bear.	Dist.	HAAT	ERP	Field	ERP	Field	ERP	Dist.
(deg)	(mi)	(ft)	(dBk)	(deg)	(mi)	(ft)	(dBk)	(dBu)	(dBk)	(dB)	(dBk)	(mi)
202.8	33.3	699.5	23.4	22.5	16.5	462.6	9.0	65.7	30.3	21.3	30.3	11.6
212.8	33.3	701.4	23.4	3.7	17.9	462.6	9.0	63.9	32.1	23.1	32.1	13.1
222.8	33.3	705.4	23.4	350.8	21.6	456.0	9.0	59.4	36.7	27.6	36.7	16.9
232.8	33.4	708.7	23.4	343.8	26.7	452.8	9.0	53.4	42.6	33.6	42.6	21.9
242.8	33.4	708.0	23.4	341.0	32.3	452.6	9.0	46.9	49.1	40.1	49.1	27.5
252.8	33.4	711.2	23.4	340.4	38.1	450.7	9.0	40.2	55.8	46.8	55.8	33.4
152.8	33.3	702.1	23.4	64.5	38.2	459.3	9.0	40.3	55.7	46.7	55.7	33.4
162.8	33.2	697.3	23.4	63.3	32.4	459.3	9.0	46.9	49.1	40.1	49.1	27.6
172.8	33.2	692.3	23.4	60.8	26.8	459.9	9.0	53.4	42.6	33.6	42.6	22.0
182.8	33.2	692.3	23.4	54.0	21.8	461.6	9.0	59.3	36.7	27.7	36.7	17.0
2.8	33.3	701.4	23.4	41.4	17.9	465.7	9.0	64.0	32.1	23.0	32.0	13.1



Detailed LPTV/TV Translator Interference Study

File: NMT/TOLEDO  
Channel: 46 - ERP: 8 kW

Latitude: 41-29-17  
Longitude: 83-19-25

Call	Auth	Licensee name	Chan	ERP	HAAT-ft	Latitude	BR-to	Dist.	Req.
City of License	St	FCC File No.	Zone	(kW)	HAMSL	Longitude	-from	(mi)	(mi)
WBSX	LIC	SATELLITE TELEVISION	31 + 1230	1079	42-22-25	328.1	72.23		
ANN ARBOR	MI	BLCT-810116KF	I	2014	84-04-14	147.6	6 dB	U/D	
THIS STATION AUTHORIZED SUBSCRIPTION TV - BSTCT-790920KF									

WBSX 64 dBu				Proposed Facility				MAX		Clearance		
Bear.	Dist.	HAAT	ERP	Bear.	Dist.	HAAT	ERP	Field	ERP	Field	ERP	Dist.
(deg)	(mi)	(ft)	(dBk)	(deg)	(mi)	(ft)	(dBk)	(dBu)	(dBk)	(dB)	(dBk)	(mi)
147.6	45.71087.1	30.9	328.1	26.5	449.5	9.0	53.5	25.5	16.5	25.4	13.6	
157.6	45.61082.7	30.9	312.0	28.5	449.5	9.0	51.3	27.7	18.7	27.7	15.5	
167.6	45.41070.7	30.9	300.4	33.4	446.2	9.0	45.5	33.5	24.5	33.5	20.5	
177.6	45.11049.9	30.9	294.0	40.2	446.2	9.0	37.8	41.2	32.2	41.2	27.3	
187.6	44.81030.2	30.9	291.0	47.7	446.1	9.0	30.8	48.2	39.2	48.2	34.8	
197.6	44.71023.6	30.9	290.0	55.5	442.9	9.0	26.0	53.0	44.0	53.0	42.6	
97.6	45.71088.1	30.9	7.4	55.3	463.9	9.0	26.4	52.6	43.6	52.6	42.1	
107.6	45.81095.8	30.9	6.6	47.3	462.6	9.0	31.4	47.7	38.6	47.7	34.2	
117.6	45.61079.4	30.9	2.9	39.9	462.4	9.0	33.4	40.6	31.6	40.6	26.7	
127.6	45.91101.2	30.9	356.5	33.0	459.3	9.0	46.2	32.8	23.8	32.8	19.9	
137.6	45.91100.3	30.9	344.6	28.1	452.8	9.0	51.7	27.3	18.3	27.2	15.1	

Call	Auth	Licensee name	Chan	ERP	HAAT-ft	Latitude	BR-to	Dist.	Req.
City of License	St	FCC File No.	Zone	(kW)	HAMSL	Longitude	-from	(mi)	(mi)
W31AD	CP	TV 31, INC.	31 N	0.55	394	41-27-40	90.6	92.87	
BEACHWOOD	OH	BPTTL-GS0308RX		1289	81-32-05	271.7	6 dB	U/D	
Horizontal polarization									

W31AD 74 dBu				Proposed Facility				MAX		Clearance		
Bear.	Dist.	HAAT	ERP	Bear.	Dist.	HAAT	ERP	Field	ERP	Field	ERP	Dist.
(deg)	(mi)	(ft)	(dBk)	(deg)	(mi)	(ft)	(dBk)	(dBu)	(dBk)	(dB)	(dBk)	(mi)
271.7	5.7	557.7	-2.6	90.6	87.1	456.0	9.0	15.0	74.0	65.0	74.0	80.1
281.7	5.8	573.3	-2.6	89.9	87.2	456.0	9.0	15.0	74.1	65.0	74.1	80.1
291.7	5.8	579.9	-2.6	89.2	87.4	456.0	9.0	14.9	74.1	65.1	74.1	80.4
301.7	5.9	590.6	-2.6	88.6	87.8	457.2	9.0	14.8	74.2	65.2	74.2	80.8
311.7	5.9	593.8	-2.6	88.1	88.4	459.0	9.0	14.6	74.4	65.4	74.4	81.4
321.7	5.8	587.3	-2.6	87.7	89.2	459.3	9.0	14.4	74.7	65.6	74.7	82.1
331.7	5.8	577.4	-2.6	87.3	90.1	459.3	9.0	14.1	74.9	65.9	74.9	83.0
341.7	5.7	548.7	-2.6	87.2	91.1	459.3	9.0	13.8	75.2	66.2	75.2	84.0
351.7	5.5	515.9	-2.6	87.2	92.1	459.3	9.0	13.5	75.5	66.5	75.5	85.0
201.7	5.3	479.0	-2.6	93.7	91.2	456.0	9.0	13.8	75.3	66.2	75.3	84.1
211.7	5.1	453.6	-2.6	93.4	90.4	456.0	9.0	14.0	75.0	66.0	75.0	83.3
221.7	4.9	417.5	-2.6	93.0	89.8	456.0	9.0	14.2	74.8	65.8	74.8	82.7
231.7	4.9	410.1	-2.6	92.6	89.2	456.0	9.0	14.4	74.7	65.6	74.7	82.1
241.7	5.3	477.3	-2.6	92.3	88.3	456.0	9.0	14.6	74.4	65.4	74.4	81.3
251.7	5.5	508.5	-2.6	91.8	87.7	456.0	9.0	14.8	74.2	65.2	74.2	80.7
261.7	5.6	533.9	-2.6	91.2	87.3	456.0	9.0	14.9	74.1	65.1	74.1	80.3

# SECTION 11 - ENGINEERING DATA AND ANTENNA AND SITE INFORMATION

17

## 1. Facilities requested:

Output Channel No.	Transmitter Rated Power Output	Proposed Community(ies) to be served	
46	1.0 kilowatts	City Toledo	State Ohio

## Frequency Offset (check one)

☐ No offset ☐ Zero offset ☐ Plus offset ☒ Minus offset

Translator Input Channel No. Satcom 3R - Transponder 3

## 2. Proposed transmitting antenna location:

City near Elmore	State Ohio	County Ottawa
Address or other description of location: On side of existing communications tower, 0.4 kilometers west-northwest of intersection of Witty Road and Opfer Lentz Road.		Geographical coordinates of transmitting antenna to nearest second  North Latitude 41° 29' 17" West Longitude 83° 19' 25"

Attach as an Exhibit a map or maps (preferably topographic, if obtainable, such as Geological Survey quadrangles) of the area of the proposed transmitting antenna location shown drawn thereon the following data:

Exhibit No.  
B

- a. Scale of kilometers  
b. Proposed transmitting antenna location accurately plotted.

3. Transmitter:	Make	Type No.		Output Power P
	ITS	230		1.0 kilowatts
4. Transmission line:			Length	Rated efficiency E for length given (decimal fraction)
	Andrew	HJ7-50A	450 feet	0.562

5. Transmitting antenna ☐ Directional "off-the-shelf" ☐ Directional Composite (Multiple Antennas) ☒ Non-Directional

Manufacturer		Model	Description <sup>1</sup>
Scala		SL-8	Slotted cylinder
Orientation of main lobe <sup>2</sup>	Overall antenna structure height above ground <sup>3</sup>	Elevation of Site <sup>4</sup>	Power gain G (multiplier) in the horizontal lobe of maximum radiation relative to a half-wave dipole <sup>5</sup>
Omnidirectional	131 meters	189 meters	14.06

Effective radiated power (ERP) (ERP=P X E X G) 7.9 kilowatts  
Height of antenna radiation center above ground 128 meters  
Height of antenna radiation center above above mean sea level 317 meters<sup>6</sup>

1 Give basic type using general descriptive terms such as half-wave dipole, "bow-tie" with screen, corner reflector, 10 element Yagi, 4 element in-phase array, two stacked 5 element Yagis, etc.

2 For directional antennas in the horizontal plane show the direction of the main radiation lobe(s) in degrees with respect to true north in a 360 degree horizontal azimuth, numbered clockwise, with true north as zero azimuth.

3 Show overall height above ground in meters to topmost portion of structure, including highest top mounted antenna and beacon if any.

4 Show the ground elevation above mean sea level in meters at the base of the transmitting antenna supporting structure.

5 Give the actual power gain toward the radio horizon.

6 This is equal to the sum of the site elevation and the height of the antenna radiation center above ground.

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Section 11 (Page 2)

6. Attach as an Exhibit a vertical plan sketch for the proposed total antenna structure, including supporting structure, giving overall height of structure in meters above ground, including lighting beacon (if any).

Exhibit No.  
C

7. Will the proposed antenna supporting structure be shared with an AM radio station?

☐ Yes ☒ No

If yes, list the call sign of that station.

Does not apply

8. Attach as an Exhibit a polar diagram of the radiation pattern (relative field) in the horizontal plane of the transmitting antenna showing clearly the correct relationship between the major lobe or lobes and the minor lobes of radiation, and a tabulation of the pattern at every ten degrees and all maxima and minima. Applicants proposing use of multiple transmitting antennas shall submit a composite radiation pattern. If a non-directional transmitting antenna will be employed, i.e., an antenna with an approximately circular radiation pattern, check here ☒ and omit polar diagram and tabulation. If the antenna manufacturer and model number are on the Commission's list of common "off-the-shelf" directional antennas, check here ☐ and omit polar diagram and tabulation.

Exhibit No.  
--

9. Has FAA been notified of proposed construction? No change in overall height or location of existing structure. Determination of No Hazard under 88-AGL-1591-OE.

☐ Yes ☒ No

10. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within 47 C.F.R. 1.1307, such that it may have a significant environmental impact, including exposure to workers or the general public to harmful nonionizing radiation levels?

☐ Yes ☒ No

If you answer Yes, submit as an Exhibit an Environmental Assessment as required by Section 1.1311. If no, explain briefly why not.

Exhibit No.  
--

Proposal is believed to comply with pertinent provisions of §1.1305, §1.1306, and §1.1307 of FCC Rules (*see also Exhibit A of Engineering Report*).

11. Unattended operation:

Is unattended operation proposed?

☒ Yes ☐ No

If Yes, and this application is for authority to construct a new station or to make changes in the facilities of an authorized station which proposes unattended operation for the first time, applicant will comply with the requirements of 47 C.F.R. Section 74.734 concerning unattended operation.

☒ Yes ☐ No

12. Is type approved broadcast equipment being specified?

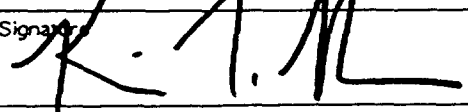
☒ Yes ☐ No

If No, indicate date equipment was submitted to FCC Laboratory for approval                     

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

March 29, 1991

Date

Signature	
Typed or Printed Name	KEVIN T. FISHER
Telephone No. (include area code)	(202) 293-7742

☐ Technical Director

☐ Registered Professional Engineer

☒ Consulting Engineer

☐ Chief Operator

☐ Other (specify)

56039



**GLENDALÉ BROADCASTING COMPANY**

**EXHIBIT NO. 187**

**MM DOCKET NO. 93-75**

FCC/MELLON FEB 14 1992

JOSEPH E. DUNNE III  
COLBY M. MAY

ALSO ADMITTED IN VIRGINIA

MAY & DUNNE  
CHARTERED  
ATTORNEYS AT LAW  
1000 THOMAS JEFFERSON STREET, N.W.  
SUITE 520  
WASHINGTON, D.C. 20007  
(202) 298-6345

RICHARD G. GAY  
OF COUNSEL

TELECOPIER NO.  
(202) 298-6375

February 14, 1992

HAND DELIVER

Federal Communications Commission  
Low Power Television Window Filing  
c/o Mellon Bank, One Mellon Bank Center  
500 Grant Street  
Pittsburgh, Pennsylvania 15258

ATTN: Wholesale Lockbox Shift Supervisor

RE: Application of National Minority TV, Inc. for a New TV  
Translator Station on Channel 20 to Serve Massena, New  
York

Dear Sir or Madam:

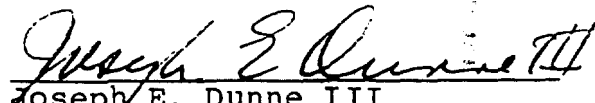
Filed herewith, in triplicate, on behalf of National Minority TV, Inc. is a construction permit application submitted on FCC Form 346 for a new TV translator facility.

In addition, pursuant to Commission Rule 1.1104, a check in the amount of the required filing fee of \$425.00, made payable to the "Federal Communications Commission," is also attached.

If any questions should arise concerning this matter, kindly contact the undersigned directly.

Respectfully submitted,

MAY & DUNNE, CHARTERED

By   
Joseph E. Dunne III  
Attorney for National  
Minority TV, Inc.

JED:jrfB47

Federal Communications Commission

Docket No. 93-25 Exhibit 184c 187

Presented by Cohen

Identified

1-10-93

Disposition

Received

DEC 6.1993

Rejected

Reporter

A. J. Cohen

Date

DEC 3.1993

APPLICATION FOR AUTHORITY TO CONSTRUCT OR  
MAKE CHANGES IN A LOW POWER TV, TV TRANSLATOR OR TV BOOSTER STATION  
(Carefully read instructions before filling out form - RETURN ONLY FORM TO FCC)

Expires 1/31/91

2

For <u>Commission</u> Fee Use Only	FEE NO:	For <u>Applicant</u> Fee Use Only  Is a fee submitted with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, indicate reason therefor (check one box): <input type="checkbox"/> Nonfeeable application Fee Exempt (See 47 C.F.R. Section 1.1112) <input type="checkbox"/> Noncommercial educational licensee <input type="checkbox"/> Governmental entity
	FEE TYPE:	
	FEE AMT:	
	ID SEQ:	

For Commission Use Only

File No.

SECTION I - GENERAL INFORMATION

1. Name of Applicant National Minority TV, Inc.	Address P. O. Box C-11951		
	City Santa Ana	State CA	Zip Code 92711
	Telephone No. (include area code) (714) 665-2113		

2. This application is for: (check one box)

☐ Low Power Television ☒ TV Translator ☐ TV Booster

(a) Proposed Channel No.	(b) Community to be served:	
20	City Massena	State NY

(c) Check one of the following boxes:

☒ Application for NEW station

☐ MAJOR change in licensed facilities; call sign: \_\_\_\_\_

☐ MINOR change in licensed facilities; call sign: \_\_\_\_\_

☐ MAJOR modification of construction permit; call sign: \_\_\_\_\_

File No. of Construction Permit: \_\_\_\_\_

☐ MINOR modification of construction permit; call sign: \_\_\_\_\_

File No. of Construction Permit: \_\_\_\_\_

☐ AMENDMENT to pending application; Application file number: \_\_\_\_\_

NOTE: It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit Sections I and VII and those other portions of the form that contain the amended information.

56133



NOTE: Applicants for new stations only:

1. Applicant is (check one of the following):

- ☒ Individual
 ☐ General Partnership
 ☒ Corporation
 ☐ Other
 ☐ Limited Partnership
 ☐ Unincorporated Association

(a) If the applicant is a legal entity other than an individual, partnership, corporation or unincorporated association, describe in an Exhibit the nature of the applicant.

Exhibit No.  
DNA

(b) For LPTV and TV translator applicants only:

If the applicant is an individual, submit as an Exhibit the applicant's name, address and telephone number (including area code).

Exhibit No.  
DNA

If the applicant is a partnership, whether general or limited, submitted as an Exhibit the names, addresses, and telephone numbers (including area code) of all general and limited partners (including silent partners), and the nature and percentage of the ownership interest of each partner.

Exhibit No.  
DNA

If the applicant is a corporation or an unincorporated association, submit as an Exhibit the names, addresses and telephone numbers (including area code) of all officers, directors and other members of the governing board of the corporation or association and the nature and the percentage of their ownership interests in the applicant (including stockholders with interests of 1% or greater).

Exhibit No.  
III-1

2. For LPTV and TV translator applicants only, submit as an Exhibit a list of all other new applications filed during the same window period as this application in which the applicant or any principal of the applicant has any interest. Include the percentage of that interest for each listed application, as well as the other applicant's name (if different) and the channel number and location of the proposed station.

Exhibit No.  
III-2

NOTE: No more than five (5) applications for new low power TV or TV translator stations may be filed during a single window period by any applicant, or by any individual or entity having an interest of 1% or more in applications filed in the same window period. This limit does not apply to minor or major change applications or to TV booster applications.

## CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS

3. (a) Is the applicant in compliance with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments?

☒ Yes ☐ No

(b) Will any funds, credit, or other financial assistance for the construction, purchase or operation of the station(s) be provided by aliens, foreign entities, domestic entities controlled by aliens, or their agents?

☐ Yes ☒ No

If Yes, provide particulars as an Exhibit.

Exhibit No.  
DNA

4. (a) Has an adverse finding been made, or an adverse final action taken by any court or administrative body as to the applicant or any party to this application in a civil or criminal proceeding brought under the provisions of any law related to the following: any felony; broadcast-related antitrust or unfair competition; criminal fraud or fraud before another governmental unit; or discrimination?

☒ Yes ☐ No

(b) Is there now pending in any court or administrative body any proceeding involving any of the matters referred to in 4(a)?

☐ Yes ☒ No

If the answer to 4(a) or 4(b) is Yes, attach as an Exhibit a full disclosure concerning the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), a statement of the facts upon which the proceeding was based or the nature of the offense alleged or committed, and a description of the current status or disposition of the matter.

Exhibit No.  
III-3

4

5. Has the applicant or any other party to this application had any interest in:  
(a) a broadcast application which has been dismissed with prejudice by the Commission.

☒ Yes ☐ No

(b) a broadcast application which has been denied by the Commission?

☒ Yes ☐ No

(c) a broadcast station, the license for which has been revoked?

☐ Yes ☒ No

(d) a broadcast application in any Commission proceeding which left unresolved character issues against the applicant?

☒ Yes ☐ No

If the answer to any of the questions in 5 is Yes, state in an Exhibit the following:

- (i) Name of party having interest;
- (ii) Nature of interest or connection, giving dates;
- (iii) Call letters of stations or file number of application or docket number;
- (iv) Location.

Exhibit No.  
III-4

#### MULTIPLE APPLICATIONS

6. The applicant certifies that there is no other application pending that would be directly mutually exclusive with this application in which this applicant has an interest of one percent or more or in which any party to this application is an officer, director, or has an interest of one percent or more, direct or indirect.

☒ Yes ☐ No

If No, this application cannot be accepted for filing.

#### REAL PARTY IN INTEREST

7. The applicant certifies that no agreement, either explicit or implicit, has been entered into for the purpose of transferring or assigning to another party, any station construction permit or license or interest therein that is awarded as a result of a random selection or lottery.

☒ Yes ☐ No

If No, this application cannot be accepted for filing.

#### SECTION IV - PROGRAM SERVICE STATEMENT

NOTE: For Low Power Television applicants only:

Low Power Television stations must offer a broadcast program service; a non-program broadcast service will not be permitted. Therefore, briefly describe below, in narrative form, your planned programming service.

DNA - TRANSLATOR FACILITY

56135

REMINDER: Do not complete the following without reading carefully the definitions and other information set out in the foregoing pages. 5

## CERTIFICATION OF PREFERENCES

### MINORITY

1. The applicant certifies that it is entitled to and seeks to claim minority preference.

☒ Yes ☐ No

If yes, complete the following:

Name	Address	Percentage Interest in the applicant	Minority Group
Jane Duff	15052 Humphrey Circle Irving, California 92714	25%	African-American
Phillip Aguilar	320 North Anaheim Anaheim, California 92805	25%	Hispanic
E. V. Hill	4726 Enoro Drive Los Angeles, California 90008	25%	African-American

### DIVERSIFICATION PREFERENCE

2. The applicant certifies that it and/or its owners have no interest, in the aggregate, exceeding 50 percent in any media of mass communications.

☐ Yes ☒ No

If Yes, DO NOT respond to questions 3 and 4.

3. The applicant certifies that it and/or its owners have no interest, in the aggregate, exceeding 50 percent in more than three mass communications media facilities.

☐ Yes ☒ No

4. The applicant certifies that it and/or its owners have no interest, in the aggregate, exceeding 50 percent in a media of mass communications in the same area to be served by the proposed station.

☒ Yes ☐ No

56136

## SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. For Low Power TV applicants, will this station employ on a full-time basis five or more persons?

☐ Yes ☒ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Report (FCC Form 396-A).

## SECTION VII - CERTIFICATIONS

1. For new station and major change applicants only, the applicant certifies that it has or will comply with the public notice requirement of 47 C.F.R. Section 73.3580(g).

☒ Yes ☐ No

2. For applicants proposing translator rebroadcasts who are not the licensee of the primary station, the applicant certifies that written authority has been obtained from the licensee of the station whose programs are to be retransmitted.

☒ Yes ☐ No

Primary station proposed to be rebroadcast:

Call Sign	City	State	Channel No.
KTBN	Santa Ana	California	40

3. The applicant certifies that it has contacted an authorized spokesperson for the owner of the rights to the proposed transmitter site and has obtained reasonable assurance that the site will be available for its use if this application is granted.

☒ Yes ☐ No

That person can be contacted at the following address and telephone number:

Name	Mailing Address or Identification		
Victor Perry	P. O. Box 210		
City	State	ZIP Code	Telephone No. (include area code)
Massena	New York	13662	(315) 769-3594

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, or any substantial and significant changes in information furnished.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.  
U.S. CODE, TITLE 18, SECTION 1001.

I certify that the statements in this application are true, complete and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant	National Minority TV, Inc.	Signature	<i>[Signature]</i>
Title	Secretary-Treasurer	Date	1-28-92

7  
NATIONAL MINORITY TV, INC.  
FCC FORM 346

EXHIBIT III-1

APPLICANT OWNERSHIP

56138

8  
NATIONAL MINORITY TV, INC.  
FCC FORM 346  
EXHIBIT III-1

APPLICANT OWNERSHIP

The Officers and Directors of the corporation are:

Paul F. Crouch, President/Director  
1973 Port Chelsea Place  
Newport Beach, California 92660  
(714) 832-2676

Jane Duff, Secretary/Treasurer/Director  
15052 Humphrey Circle  
Irvine, California 92714  
(714) 551-2093

Phillip Aguilar/Vice President/Director  
320 North Anaheim Blvd.  
Anaheim, California 92805  
(714) 949-6677

E. V. Hill, Director  
4726 Enoro Drive  
Los Angeles, California 90008  
(213) 293-4654

9  
NATIONAL MINORITY TV, INC.  
FCC FORM 346

EXHIBIT III-2

APPLICATIONS

56140

NATIONAL MINORITY TV, INC.  
FCC FORM 346  
EXHIBIT III-2

APPLICATIONS

The applicant intends to file applications for new translator applications to serve the following communities:

Channel 59, Syracuse, New York  
Channel 53, Temple, Texas  
Channel 51, Lake Charles, Louisiana  
Channel 20, Massena, New York  
Channel 38, Panama City, Florida



//  
NATIONAL MINORITY TV, INC.  
FCC FORM 346

EXHIBIT III-3

CIVIL-CRIMINAL PROCEEDINGS

56142